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09/517,597

APPLICANT

Wong, et al.

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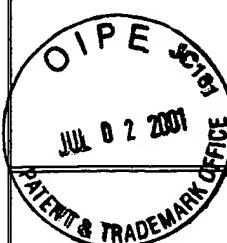
March 2, 2000

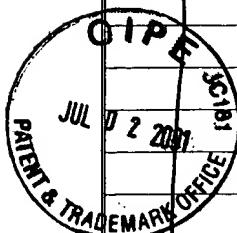
GROUP

1641 1643

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
KP	3,891,507	06/24/75	Breuer	195	103.R	
	3,990,850	11/09/76	Friedman et al.	23	230B	
	4,038,030	07/26/77	Albright et al	23	230B	
	4,789,804	12/06/88	Karube et al.	310	311	
	4,945,045	07/31/90	Forrest et al.	435	25	
	5,078,855	01/07/92	Mochizuki et al.	204	418	
	5,089,112	02/18/92	Skotheim et al.	204	403	
	5,104,619	04/14/92	de Castro et al.	422	56	
	5,116,481	05/26/92	Ozawa et al.	204	290R	
	5,192,507	03/09/93	Taylor et al.	422	68.1	
	5,200,051	04/06/93	Cozzette et al.	204	403	
	5,242,828	09/07/93	Bergström et al.	435	291	
	5,246,846	09/21/93	Pittner et al.	435	174	
	5,268,305	12/07/93	Ribi et al.	436	501	
	5,313,264	05/17/94	Ivarsson et al.	386	73	
	5,368,712	11/29/94	Tomich et al.	204	403	
	5,401,378	03/28/95	King et al.	204	418	
	5,405,783	04/11/95	Pirrung et al.	436	518	
	5,436,161	07/25/95	Bergström et al.	422	57	
	5,436,170	07/25/95	Cornell et al.	436	527	
	5,478,756	12/26/95	Gizeli et al.	436	527	
	5,485,277	01/16/96	Foster	356	445	
	5,491,097	02/13/96	Ribi et al.	436	518	
	5,492,840	02/20/96	Malmqvist et al.	436	518	
	5,514,501	05/07/96	Tarlov	430	5	
	5,527,711	06/18/96	Tom-Moy et al.	436	518	
	5,567,301	10/22/96	Stetter et al.	205	777.5	
	5,571,568	11/05/96	Ribi et al.	427	487	
	5,580,794	12/03/96	Allen	436	169	
	5,622,872	04/22/97	Ribi	436	518	
	5,624,537	04/29/97	Turner et al.	204	403	
	5,637,201	06/10/97	Raguse et al.	204	418	
KP	5,693,477	12/02/97	Cornell et al.	435	7.1	





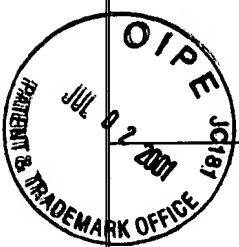
KP	5,707,502	01/13/98	McCaffrey et al.	204	403.19
	5,723,345	03/03/98	Yamauchi et al.	436	518
	5,736,410	04/07/98	Zarling et al.	436	172
	5,741,409	04/21/98	Raguse et al.	204	403.08
	5,753,093	05/19/98	Raguse et al.	427	2.13
	5,756,355	05/26/98	Lang et al.	435	7.21
	5,783,054	07/21/98	Raguse et al.	204	403.08
	5,798,030	08/25/98	Raguse et al.	204	403.08
	5,824,483	10/20/98	Houston, Jr. et al.	435	7.1
	5,834,224	11/10/98	Ruger et al.	205	777.5
	5,942,388	08/24/99	Willner et al.	435	6
	5,955,379	09/21/99	Lennox et al.	436	528
	6,074,616	06/13/00	Beuchler et al.	422	104
	6,096,825	08/01/00	Garnier	525	54.1
KP	6,165,335	12/26/00	Lennox et al.	204	403.01

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	Document Number	Date	Country	Class	Subclass	Translation
KP	WO 89/01159	02/09/89	PCT	—	—	
KP	WO 90/05303	05/17/90	PCT	—	—	
KP	WO 93/15110	08/05/93	PCT	—	—	
KP	505 494 B1	07/12/95	EP	—	—	
KP	WO 95/31480	11/23/95	PCT	—	—	
KP	WO 96/02830	02/01/96	PCT	—	—	
KP	WO 96/09547	03/28/96	PCT	—	—	abstract only
KP	WO 96/10178	04/04/96	PCT	—	—	
KP	WO 97/01092	01/09/97	PCT	—	—	
KP	WO 97/02359	01/23/97	PCT	—	—	
KP	WO 97/07593	02/27/97	PCT	—	—	abstract only
KP	WO 97/41424	11/06/97	PCT	—	—	
KP	WO 97/41425	11/06/97	PCT	—	—	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Adamson, J.G., et al., "Structure, function and application of the coiled-coil protein folding motif" <i>Current Opinion in Biotechnology</i> 4:428-437 (1993).
	Blondel, A. and Bedouelle, H., "Engineering the quaternary structure of an exported protein with a leucine zipper" <i>Protein</i>



	Engineering 4(4):457-461 (1991).
	Chao, H., et al., "Kinetic Study on the Formation of a de Novo Designed Heterodimeric Coiled-Coil: Use of Surface Plasmon Resonance To Monitor the Association and Dissociation of Polypeptide Chains" <i>Biochemistry</i> 35:12175-12185 (1996).
	Chao, H., et al., "Use of a heterodimeric coiled-coil system for biosensor application and affinity purification" <i>Journal of Chromatography B</i> 715:307-329 (1998).
	Hu, J.C., et al., "Sequence Requirements for Coiled-Coils: Analysis with λ Repressor-GCN4 Leucine Zipper Fusions" <i>Science</i> 250:1400-1403 (1990).
	Khilko, S.N., et al., "Measuring interactions of MHC class I molecules using surface plasmon resonance" <i>J. Immunological Methods</i> 183:77-94 (1995).
	Monera, O.D., et al., "Electrostatic Interactions Control the Parallel and Antiparallel Orientation of α -Helical Chains in Two-Stranded α -Helical Coiled-Coils" <i>Biochemistry</i> 33:3862-3871 (1994).
	O'Shea, E.K., et al., "Peptide 'Velcro*': design of a heterodimeric coiled coil" <i>Current Biology</i> 3:658-667 (1993).
	Zhou, N.E., et al., "The Two-Stranded α -Helical Coiled-Coil Is an Ideal Model for Studying Protein Stability and Subunit Interactions" <i>Biopolymers</i> 32:419-426 (1992).

EXAMINER

DATE CONSIDERED

4/10/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPE 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.